

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0369 Libby McNeil

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.78	03/15/2019 03/15/2019	David Julian

LM Start		Rating **	M	Issue No.	22
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0369_01_f_2012_22				
Comment Code					
Inspector Comment					
RD 369 members have not been flood fight trained.					

No Photos

LM Start		Rating **	A	Issue No.	27
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0369_01_f_2014_27				
Comment Code					
Inspector Comment					
RD 369 I have forwarded to the District Mr. Clarence Chu a copy of the O & M Manual for their record.					

No Photos

LM Start		Rating **	M	Issue No.	28
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0369_01_f_2014_28				
Comment Code					
Inspector Comment					
RD 369 have no emergency supplies on hand.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Sacramento River	Left	0.78	03/15/2019 03/15/2019	David Julian

LM Start	0.03	Rating **	M	Issue No.	16
LM End	0.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.258497 °	38.258188 °
				-121.517403 °	-121.516937 °
DWR ID	DWR_RD0369_01_f_2018_16				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	0.13	Rating **	M	Issue No.	21
LM End	0.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.257673 °	38.257673 °
				-121.516052 °	-121.516052 °
DWR ID	DWR_RD0369_01_f_2018_21				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree limb from the landside slope.					

Photo 1 of 1 : SP_2019_RD0369_207_21_20190311_00009.jpg



View of tree limb on the landside slope (November 2018).

LM Start	0.15	Rating **	C	Issue No.	12
LM End	0.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.257380 °	38.257380 °
				-121.515787 °	-121.515787 °
DWR ID	DWR_RD0369_01_s_2018_12				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Cut tree branches should be removed from waterside shoulder.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Unit No. 01 Sacramento River	Left	0.78	03/15/2019 03/15/2019	David Julian

LM Start	0.19	Rating **	U	Issue No.	18
LM End	0.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.257027 °	38.257027 °
				-121.515188 °	-121.515188 °
DWR ID	DWR_RD0369_01_s_2019_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.20	Rating **	A	Issue No.	20
LM End	0.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.256973 °	38.256973 °
				-121.515095 °	-121.515095 °
DWR ID	DWR_RD0369_01_f_2018_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.25	Rating **	A	Issue No.	9
LM End	0.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.256372 °	38.252597 °
				-121.514504 °	-121.511130 °
DWR ID	DWR_RD0369_01_s_2017_9				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Spray the weed growth along the waterside slope to 20' from crown.					

Photo 1 of 1 : SP_2019_RD0369_207_9_20190311_00003.jpg



Looking downstream from the waterside shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.78	03/15/2019 03/15/2019	David Julian

LM Start	0.26	Rating **	C	Issue No.	13
LM End	0.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.256222 °	38.255659 °
				-121.514320 °	-121.513706 °
DWR ID	DWR_RD0369_01_f_2016_13				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	0.27	Rating **	M	Issue No.	17
LM End	0.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.256133 °	38.256133 °
				-121.514162 °	-121.514162 °
DWR ID	DWR_RD0369_01_f_2018_17				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove some tree branches to allow better visibility and access.					

Photo 1 of 1 : SP_2019_RD0369_207_17_20190311_00007.jpg



View of relatively thick tree branches on the waterside slope (November 2018).

LM Start	0.30	Rating **	M	Issue No.	23
LM End	0.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.255880 °	38.255880 °
				-121.513865 °	-121.513865 °
DWR ID	DWR_RD0369_01_s_2019_23				
Comment Code					
DE : Debris					
Inspector Comment					
Debris on the waterside shoulder should be removed before more debris is put there.					

Photo 1 of 1 : SP_2019_RD0369_207_23_20190320_00028.jpg



View of debris on the waterside shoulder (Spring 2019).

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+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.78	03/15/2019 03/15/2019	David Julian

LM Start	0.35	Rating **	M	Issue No.	11
LM End	0.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.255250 °	38.255250 °
				-121.513207 °	-121.513207 °
DWR ID	DWR_RD0369_01_s_2019_11				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree limbs from the landside slope.					

Photo 1 of 1 : SP_2019_RD0369_207_11_20190320_00027.jpg



View of fallen limbs on the landside slope (Spring 2019).

LM Start	0.41	Rating **	U	Issue No.	24
LM End	0.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.254607 °	38.253073 °
				-121.512657 °	-121.511388 °
DWR ID	DWR_RD0369_01_s_2019_24				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim trees to allow visibility down the waterside slope.					

Photo 1 of 1 : SP_2019_RD0369_207_24_20190320_00029.jpg



View looking downstream at thick trees on the waterside slope (Spring 2019).

LM Start	0.52	Rating **	M	Issue No.	19
LM End	0.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.253273 °	38.253273 °
				-121.511505 °	-121.511505 °
DWR ID	DWR_RD0369_01_f_2018_19				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree limb from the landside slope.					

Photo 1 of 1 : SP_2019_RD0369_207_19_20190311_00008.jpg



View of tree limb on the land sideslope (November 2018).

* Location
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** Rating
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M : Minimally Acceptable C : Corrected
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+ Issue Type
Ma : Maintenance Deficiency
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Unit No. 01 Sacramento River	Left	0.78	03/15/2019 03/15/2019	David Julian

LM Start	0.54	Rating **	C	Issue No.	10
LM End	0.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.252985 °	38.252985 °
				-121.511346 °	-121.511346 °
DWR ID	DWR_RD0369_01_s_2018_10				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove cut tree limb from waterside shoulder.					

No Photos

LM Start	0.57	Rating **	M	Issue No.	26
LM End	0.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.252662 °	38.252247 °
				-121.511138 °	-121.510922 °
DWR ID	DWR_RD0369_01_s_2019_26				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Vegetation on chainlink fence is blocking view down waterside slope.					

Photo 1 of 1 : SP_2019_RD0369_207_26_20190320_00030.jpg



View looking downstream at the chainlink on the waterside shoulder and slope (Spring 2019).

LM Start	0.58	Rating **	M	Issue No.	14
LM End	0.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.252494 °	38.252494 °
				-121.510961 °	-121.510961 °
DWR ID	DWR_RD0369_01_s_2018_14				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree and branches should be removed from landside toe.					

Photo 1 of 1 : SP_2019_RD0369_207_14_20190311_00006.jpg



Remove fallen tree and branches from landside toe.

*** Location**
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WS : Water Side
CR : Crown

**** Rating**
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U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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